Notice of Allowability	Application No.	Applicant(s)	
	09/838,057	ARMSTRONG ET AL.	
	Examiner	Art Unit	
	VAN H NGUYEN	2126	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *Applicant's amendments and supporting arguments filed 10/28/04*.

2. ☒ The allowed claim(s) is/are *1-16*.

3. ☒ The drawings filed on *07 November 2001* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 12/3/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

THOMAS LEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Examiner's Amendment

I. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

II. Authorization for this examiner's amendment was given in a telephone interview with Roy W. Truelson (Reg. No. 34, 265) on March 10, 2005.

In the claims:

Claims 1 and 11 have been amended as follows:

1. A method for allocating processor resources in a computer system having a plurality of central processors, comprising the steps of:

defining a plurality of logical partitions of said computer system, wherein each task executing in said computer system is assigned to a respective one of said logical partitions;

defining a plurality of sets of processors;

assigning each central processor of said computer system to a respective set of said plurality of processor sets;

assigning each logical partition of said plurality of logical partitions to a respective set of said plurality of processor sets, wherein a first processor set of said plurality of processor sets has a plurality of logical partitions assigned to it;

assigning a respective processing capacity value to each of said plurality of logical partitions assigned to said first processor set, said processing capacity values representing processing capacity in units equivalent to a fixed number of physical central processors;

constraining tasks executing in ~~a~~ each logical partition to execute only in central processors assigned to the processor set to which the respective logical partition is assigned; and

constraining tasks executing in said each logical partition assigned to said first processor set to execute for a combined length of time equivalent to the processing capacity value assigned to the respective logical partition.

11. A computer program product for allocating processor resources in a computer system having a plurality of central processors, said computer program product comprising a plurality of computer executable instructions recorded on signal-bearing media, wherein said instructions, when executed by a computer, cause the computer to perform the steps of:

receiving a definition of a plurality of logical partitions of said computer system, wherein each task executing in said computer system is assigned to a respective one of said logical partitions;

receiving a definition of a plurality of sets of processors, wherein each central processor of said computer system is assigned to a respective one of said plurality of sets of processors, and wherein each logical partition of said plurality of logical partitions is assigned to a respective one of said plurality of sets of processors, wherein a first processor set of said plurality of processor sets has a plurality of logical partitions assigned to it;

receiving a definition of processing capacity values, wherein a respective processing capacity value is assigned to each of said plurality of logical partitions assigned to said first processor set, said processing capacity values representing processing capacity in units equivalent to a fixed number of physical central processors;

constraining tasks executing in ~~a~~ each logical partition to execute only in central processors assigned to the processor set to which the respective logical partition is assigned; and

constraining tasks executing in said each logical partition assigned to said first processor set to ~~utilize~~ execute for a combined length of time equivalent to the processing capacity value assigned to the respective logical partition.

III. Any inquiry concerning this communication or earlier communications from the examiner should be directed to VAN H. NGUYEN whose telephone number is (571) 272-3765. The examiner can normally be reached on Monday-Thursday from 8:30AM - 6:00PM. The examiner can also be reached on alternative Friday.

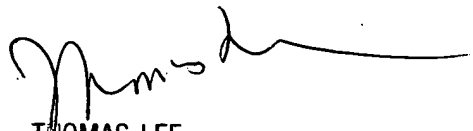
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571) 272-3756.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:
Commissioner for patents
P O Box 1450
Alexandria, VA 22313-1450

VHN



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